

FPS1	Critical	34dB(A) Attenuation
FPS2	Critical-Plus	42dB(A) Attenuation
FPS3	Super-Critical	50dB(A) Attenuation

Air Aspiration/Exhaust Gas Multipurpose Silencer

The FPS 'critical' absorptive silencer is suitable for air intake and exhaust applications on diesel and gas engines, fan blowers and centrifugal compressors as well as gas turbine modules.

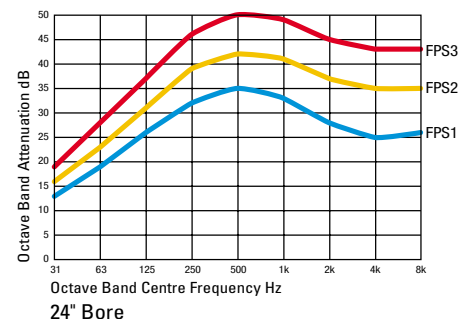
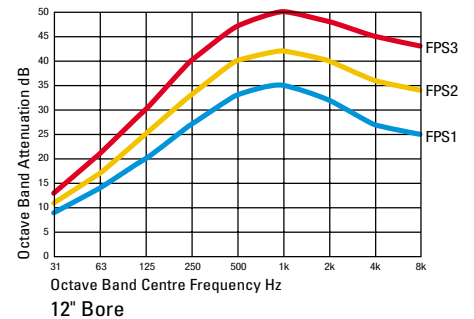
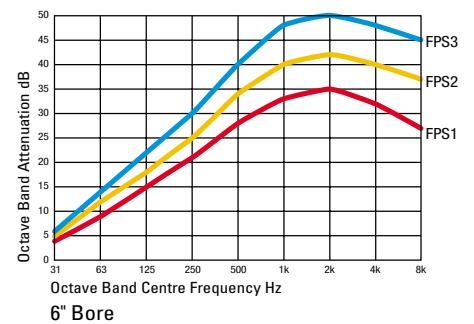
The design incorporates a central 'pod' splitter for good acoustic performance at the middle/high frequency ranges with minimum pressure drop.

Manufactured as standard from mild carbon steel finished in red oxide primer.

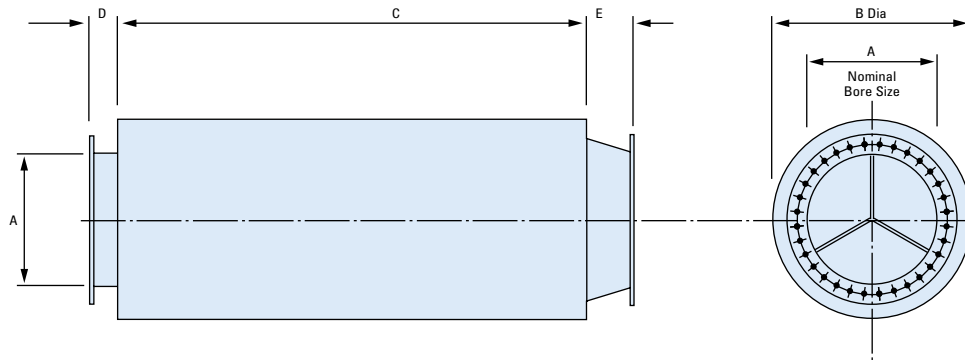
Options

- BS10 Table 'D' flanges fitted as standard.
- Alternative flange patterns available on request.
- Radial inlet.
- Radial outlet.
- Heat resisting aluminium or black paint (exhaust only).
- Shot blast and aluminium metal sprayed (exhaust only).
- Stainless steels.
- Corten steel.
- Galvanised steel (intakes only).
- Support feet and brackets.
- Lifting lugs.
- Catalytic converters.

Back pressure figures can vary greatly with temperature and gas velocity, please contact IMS for advice.



FPS series



Silencer Ref	All	All	FPS1	FPS2	FPS3	All	All	Weight	Weight	Weight
	A	B	C	C	C	D	E	FPS1	FPS2	FPS3
	inch	mm	mm	mm	mm	mm	mm	kgs	kgs	kgs
FPS1/2/3 150	6	360	550	825	1100	75	75	34	48	65
FPS1/2/3 200	8	460	700	1050	1400	75	95	59	82	110
FPS1/2/3 250	10	550	900	1350	1800	100	110	86	120	160
FPS1/2/3 300	12	600	1000	1500	2000	100	130	123	170	230
FPS1/2/3 350	14	700	1200	1800	2400	100	140	168	230	300
FPS1/2/3 400	16	750	1400	2100	2800	100	160	220	300	410
FPS1/2/3 450	18	800	1500	2250	3000	100	180	260	360	490
FPS1/2/3 500	20	900	1800	2700	3600	100	200	370	500	700
FPS1/2/3 550	22	1000	1900	2850	3800	100	220	450	630	850
FPS1/2/3 600	24	1050	2100	3150	4200	100	240	580	800	1100
FPS1/2/3 650	26	1100	2300	3450	4600	100	270	690	960	1300
FPS1/2/3 700	28	1150	2400	3600	4800	100	280	770	1000	1400
FPS1/2/3 750	30	1250	2600	3900	5200	100	290	860	1200	1600
FPS1/2/3 800	32	1300	2800	4200	5600	100	310	1020	1400	1900
FPS1/2/3 850	34	1350	3000	4500	6000	100	330	1380	1900	2600
FPS1/2/3 900	36	1400	3200	4800	6400	100	350	1550	2100	2900
FPS1/2/3 950	38	1450	3400	5100	6800	100	360	1770	2400	3300
FPS1/2/3 1000	40	1500	3500	5250	7000	100	380	2160	3000	4100

Larger sizes available on request.